

PATENT ABSTRACTS OF JAPAN

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(54) INK COMPOSITION AND PROCESS FOR PRODUCING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an ink composition excellent in storage stability, especially in viscosity stability and to provide a process for producing the ink composition.

SOLUTION: The ink composition is produced by dispersing a pigment in a solvent and contains a polyester resin which has been subjected to heat aging treatment. The polyester resin is subjected to heat aging treatment so that the viscosity change rate (ΔV) calculated by the formula: $\Delta V(\%) = |V - V_0| / V_0 \times 100$ in a heat acceleration test is in a range of 6-15 %. In the formula, V is a viscosity measured at 20°C after heat aging treatment and V₀ is a viscosity measured at 20°C before heat aging treatment.